

SEQUENCE LISTING

<110> CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS

<120> MOLECULAR METHODS FOR DETECTING GUAR GUM ADDITIONS
TO LOCUST BEAN GUM

<130> PATENT APPLICATION PCT/ES01/00079

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<141> 2001-03-02

<150> ES200000560

<151> 2000-03-08

<160> 10

<170> PatentIn Ver. 2.1

<210> 1

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of the Artificial Sequence:oligo ITS5

<400> 1

ggaagtaaaa gtcgtaacaa gg

22

<210> 2

<211> 20

<212> DNA

<213> Artificial Sequence

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<223> Description of the Artificial Sequence:oligo ITS3

<400> 2

gcatcgatga agaacgcagc

20

<210> 3

<211> 20

<212> DNA

<213> Artificial Sequence

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<223> Description of the Artificial Sequence:oligo ITS4

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20

<210> 4
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<223> Description of the Artificial Sequence:oligo PG21

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<210> 5
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<223> Description of the Artificial Sequence:oligo ITS2

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<210> 6
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<223> Description of the Artificial Sequence:oligo PG22

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<210> 7
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 <213> Cyamopsis tetragonoloba

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<222> Complement((2)..(23))

<220>

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<222> (325)..(344)

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 gcctcacaag cagtcgcgacc cgtgaacttg ttttgcttat ttagggttgg tttggggcgt 120
 gtcaaaacac gccgaccttc ctttggttgg gagttgtctg ccttgcgtagg ctttctctta 180
 gcctttaaca aaccaccggt cgctacacgc gccaaaggaaa cttaactntt ctgtgcgccc 240
 ttgccagccc ggtaacggtg ctgtgtaggt tngttaga tacatgaatc aaaatgactc 300
 tcggcaacgg atatctcggc tctcgcatcg atgaagaacg cagca 345

<210> 8
 <211> 343
 <212> DNA
 <213> Ceratonia siliqua

<220>
 <221> primer_bind
 <222> (2)..(23)

<220>
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 <222> Complement((323)..(342))

<400> 8
 tggaggaga agtcgtaaca aggttttcgt aggtgaacct gtggaaggat cattgtcgat 60
 gcctcacaaa acgaacgacc tgcgaattgg ttaaactatc gggggcgggg ggcgtgcgtc 120
 ctcccaagcc tccatgtcgg gaggcgcctg tggccccccg ccaactcgtgc tacctcgacc 180
 aaaaaactaa ccctggcggt taacgcgcca aggaactaca accagtgagc gtgctccga 240
 tgacctggta acggcgatcg atcgatgagc gtcgtgacat tcttatccaa aatgactctc 300
 ggtaacggat atctcgggtc tcgcatcgat gaagaacgca gca 343

<210> 9
 <211> 405
 <212> DNA
 <213> Cyamopsis tetragonoloba

<220>
 <221> primer_bind
 <222> Complement((2)..(21))

<220>
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 <222> (385)..(404)

<400> 9
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 gggcgtcgag cgtcgttgcc ctaactcgga cgtctcattt ggtgtcgttg agtggcgaat 180
 gttggcttcc cacgagcggt gcctcatggt tggttgaaat tcgagtcggt ggtggaggat 240
 gccacgattg atatggtggt tgagtaatta gtcgagagacc catcgtgagc gactccatct 300
 tgttttggac tctttgaccc acatgagcat ctccgatgct cgttacgaga cctcagggtca 360
 gacggggtta cccgctgagt ttaagcatat caataagcgg aggaa 405

<210> 10
 <211> 410
 <212> DNA
 <213> *Ceratonia siliqua*

<220>
 <221> primer_bind
 <222> (2)..(23)

<220>
 <221> primer_bind
 <222> Complement((385)..(404))

<400> 10
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 ggggtgtcaca cactgtcgcc cccaccccggt ggcctctcgc gtggcttcga ggaatgggca 180
 gattatggcc ttccgtgagc ttgccttat ggatggccca aaagagagtt cgcgggtggcg 240
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 cgggattgcg ctcgagagacc cttcagcatc gcgaggtgca tatgcctcga acgggaccct 360
 aagtcaggcg gggctactcg ctgagtttaa gcatatcaat aagcggagga 410